

001-68939

SECRET

11 DEC 69 00

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S E C R E T 102346Z DEC 69 CITE [] 7579

SUBJECT: EVALUATION OF OLD HEAD MISSION G-106, FLOWN 1 DEC 69

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THE MISSION IS GOOD; HOWEVER, THE BEST QUALITY IS NOT EQUIVALENT TO THE BEST OF MISSION G-104. IMAGE MOTION DEGRADATION, ATTRIBUTED TO VEHICLE VIBRATION IS APPARENT AT MAGNIFICATIONS OF 25X AND GREATER. THE INTERPRETATION SUITABILITY IS GOOD AND EQUAL TO THE BEST PROVIDED BY THIS SYSTEM. THIS RATING IS DUE IN PART TO THE PREDOMINANCE OF CLOUD FREE PHOTOGRAPHY. CLOUDS AND HAZE OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

- A. G-106, 1 DECEMBER 1969
- B. I-2, 8011
- C. A/C NUM: 339
- D. STEREO
- E. T/O: 1130Z
C/O: 1357Z
- F. 3404, W-23A
- G. DUAL GAMMA VISCOUS CHEMISTRY

DISTRIBUTION		
CV	OFFICE	PI
/	FILE	
	CABLE SEC.	
	IP&B/RD	
	SECUR.	
2.3	TESSG/ADSD	4
	PSG/OC	
	RRD	
	REPRO	
	AID	
	LEG	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PGM	
4	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	CMX	

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PAGE 2 [] 7579 S E C R E T

H. AVG. GAMMA: 1.73

3. ORIGINAL NEGATIVE:

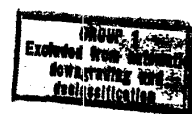
- A. EXPOSURE: ADEQUATE
- B. DENSITY AND CONTRAST: THE DENSITY AND CONTRAST ARE MEDIUM.
- C. IMAGED DEGRADATIONS: BANDING, PERPENDICULAR TO THE MAJOR AXIS OF THE FILM IS PRESENT THROUGHOUT THE MISSION. AN EQUIPMENT SHADOWGRAPH (FOG PATTERN) WHICH EXTENDS ACROSS THE WIDTH OF THE FORMAT AND IS APPROXIMATELY 1.5 INCHES WIDE, IS PRESENT 22 INCHES FROM THE SUPPLY END OF ALL FWD AND AFT FRAMES-IT IS MORE PROMINENT ON THE AFT FRAMES. THE DENSITY OF THIS FOG PATTERN GRADUALLY INCREASES TOWARD THE SCAN DIRECTION AND SOME DEGRADATION TO THE IMAGERY IS APPARENT. A PLUS DENSITY BAND OF FOG, ONE-EIGHTH INCH WIDE, PERPENDICULAR TO THE MAJOR AXIS OF THE FILM, IS PRESENT 6.25 INCHES FROM THE TAKE-UP END OF ALL AFT FRAMES. A SIMILAR PLUS DENSITY BAND OF FOG IS PRESENT 3.2 INCHES FROM THE TAKE-UP END OF ALL FWD FRAMES. FOG PATTERNS, ASSOCIATED WITH CAMERA START-UP/SHUT-DOWN, ARE PRESENT ON FRAMES 1308, 1309 AND 1317 THROUGH 1325.

ADVANCE CY
SANITIZED
WITH TEXT

PAGE 3 [] 7579 S E C R E T

ADDITIONAL FOG IS PRESENT ON FRAMES 1317 THROUGH 1325 WHICH

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EVIDENTLY WAS INDUCED AFTER CAMERA EXPOSURE BUT PRIOR TO PROCESSING.
D. PHYSICAL DEGRADATIONS: SEVERAL FINE EMULSION SCRATCHES,
PARALLEL TO THE MAJOR AXIS OF THE FILM, ARE PRESENT THROUGHOUT
THE MISSION. FIVE HEAT SPLICES AND TWO MANUFACTURER'S SPLICES
ARE PRESENT IN THE FILM.
E. DATA RECORDING EQUIPMENT: ALL DATA RECORDING EQUIPMENT
FUNCTIONED PROPERLY.
F. OTHERA: THE LAST COUNTER NUMBER IS 1332. THE LAST TITLED
FRAME IS 1325. A BIAS OF 7 EXISTED THROUGHOUT THE MISSION.
4. POSITIVES: ADEQUATE FOR EXPLOITATION PURPOSES.
S E C R E T

--END OF MESSAGE--